

Amendment

In the Claims:

Please substitute the following claim 2 for the pending claim 2:

2. (Twice Amended) An isolated nucleic acid molecule ~~encoding prostate~~
~~cancer antigen 3 (PCA3)~~ comprising a polynucleotide sequence selected from the group
consisting of:

(a) a nucleotide sequence encoding a PCA3 polypeptide comprising the complete
amino acid sequence in SEQ ID NO:2;

(b) a nucleotide sequence encoding a PCA3 polypeptide comprising the complete
amino acid sequence in SEQ ID NO:7;

F1 (c) a nucleotide sequence encoding a PCA3 polypeptide comprising the complete
amino acid sequence encoded by the polynucleotide clone contained in the deposit at the
Centraal voor Schimmelcultures as accession number CBS 682.97;

(d) a nucleotide sequence encoding a PCA3 polypeptide comprising the complete
amino acid sequence encoded by the polynucleotide clone contained in the deposit at the
Centraal voor Schimmelcultures as accession number CBS 100521;

(e) a nucleotide sequence comprising the nucleotide sequence set forth in SEQ
ID NO:1, 3, 4, or 6;

(f) a nucleotide sequence completely complementary to any of the nucleotide
sequences in (a), (b), (c), (d) or (e); and

(g) a nucleotide sequence which hybridizes under high stringency conditions to any of the nucleotide sequences in (a), (b), (c), (d), (e) or (f), wherein said nucleotide sequence does not hybridize to nucleotides 511-985 of SEQ ID NO:1 or to nucleotides 533-1007 of SEQ ID NO:6.

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